

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 02960

SHEET 1 OF 2

DWG NO. 647.1500

REV: N/C

PREPARED BY

R. ROSANO

DATE: 09/01/10

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

ENGR

[Signature]

MFG

[Signature]

QC

[Signature]

EFF:

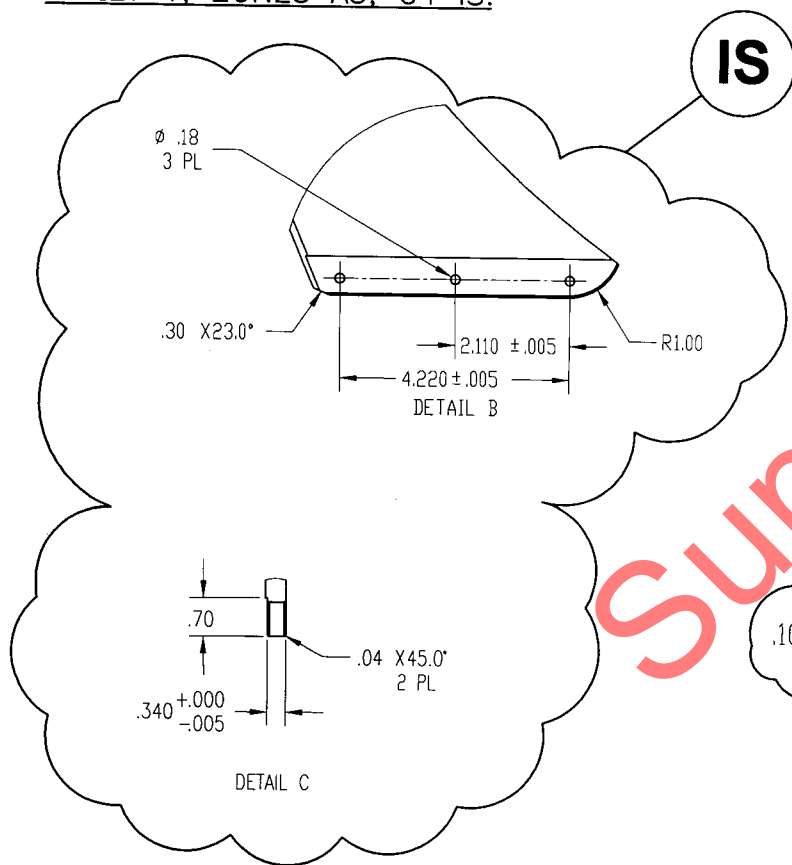
CURRENT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

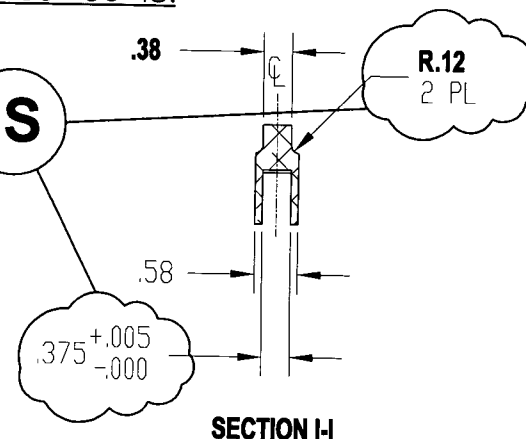
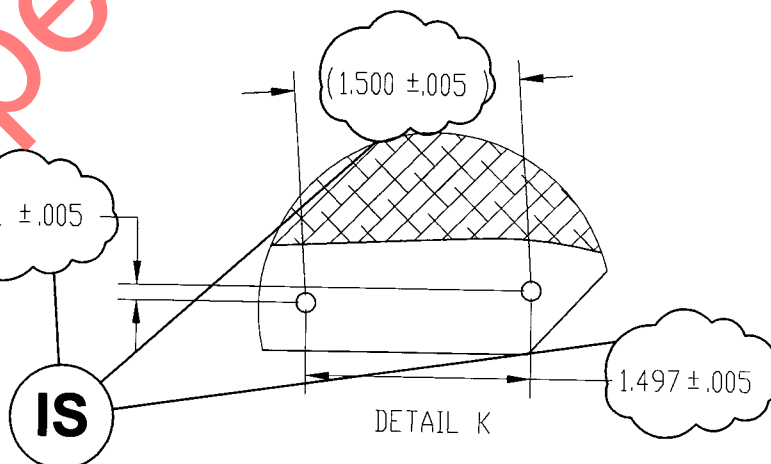
REASON: ADDED DETAIL TO SHOW NOTCH, CHANGED FILLET DIM., CHANGED TOLERANCES, REPLACED CHERRY RIVET WITH SOLID RIVET

SHEET 4, ZONES C5-C6 IS:

SHEET 1, ZONES A5, C4 IS:



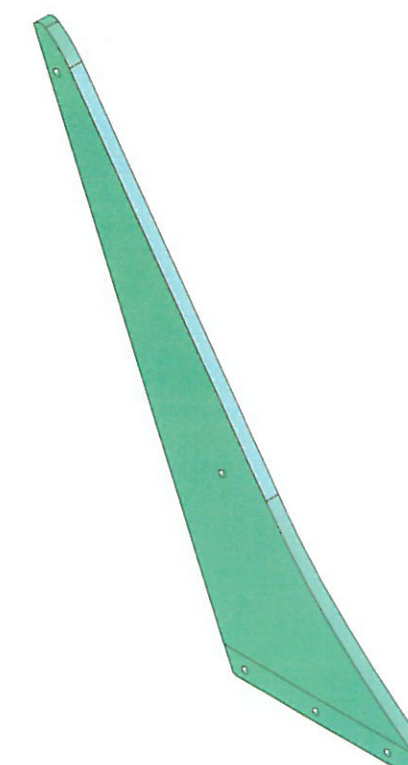
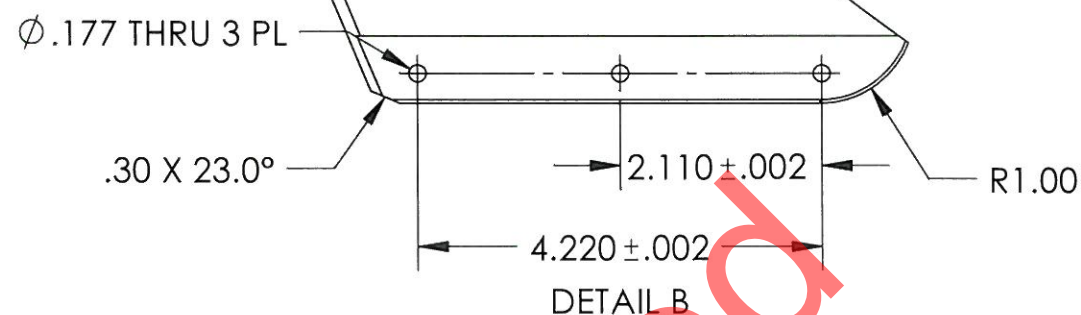
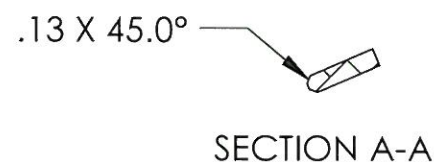
SHEET 5, ZONEA3-B4 IS:



4	R	600.0522	2	RIVET	MS20470AD4-10	
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
			1501			
DOCUMENTS EFFECTED:				CHANGE CATEGORY	DER REVIEW REQUIRED	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	06/10/09	P. BRAVO



647.1510

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120
- 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 & 3 UPON ASSY

	A/R	5	601.2045	RTV, LOCTITE 598		
	2	4	601.2990	RIVET	CR3213-4-10	
	1	3	647.1512	BREAKAWAY TIP	1	2
	1	2	647.1511	LOWER DEFLECTOR	1	2
		1	647.1510	UPPER DEFLECTOR	1	2
			647.1501	LOWER DEFLECTOR ASSY		
	.1501	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)	06-10-09	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
647.1400		DRAWN BY	CHECKER			
		J. GARDNER	P. BRAVO	DEFLECTORS		
		DRAWING APPROVAL				
		P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		
		CONTRACT No.				
				SIZE	CAGE CODE	DWG. NO.
				B	07MZ6	647.1500
				SCALE	NONE	REV. N/C
						SHEET 1 OF 5

UNINCORPORATED ECN(s)

02940,

1 2 3 4 5 6 7 8

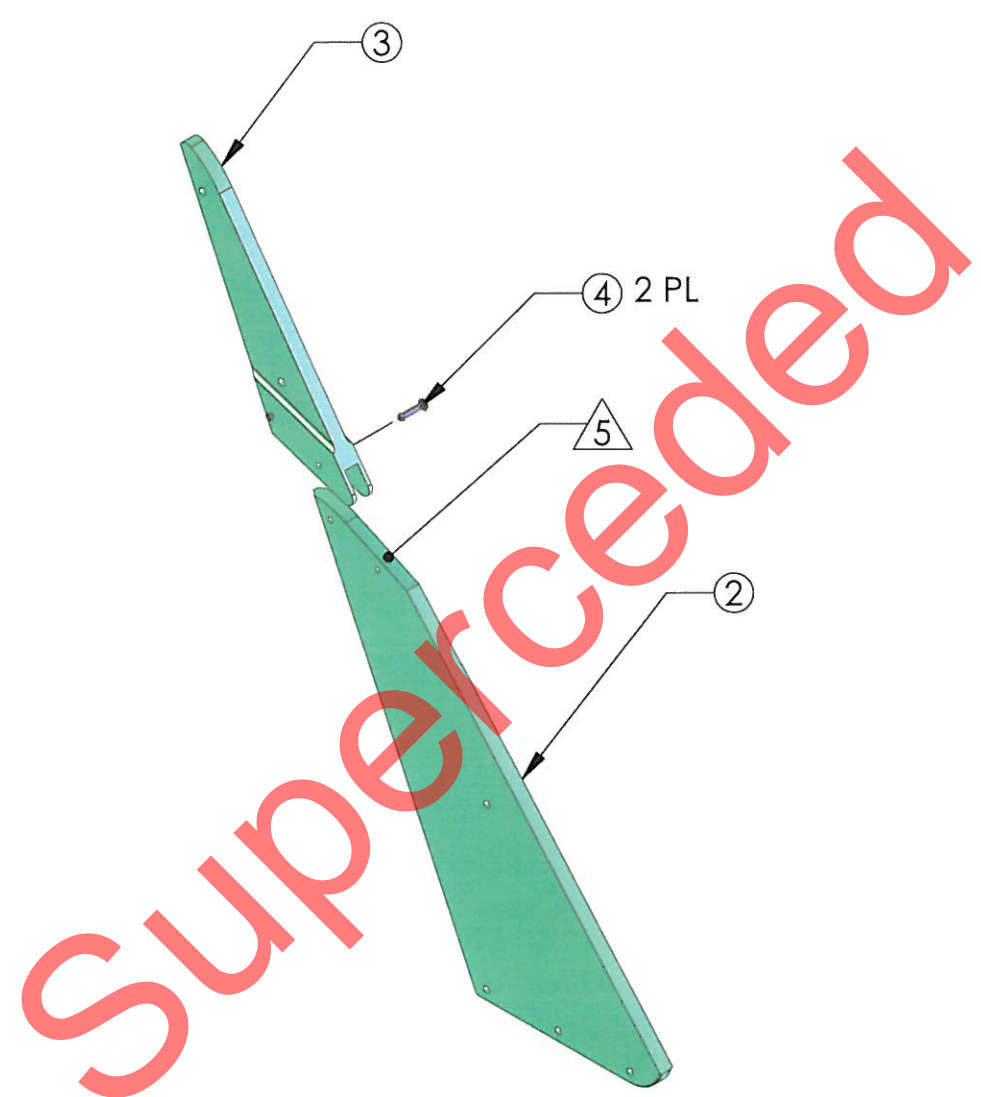
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A

B

C

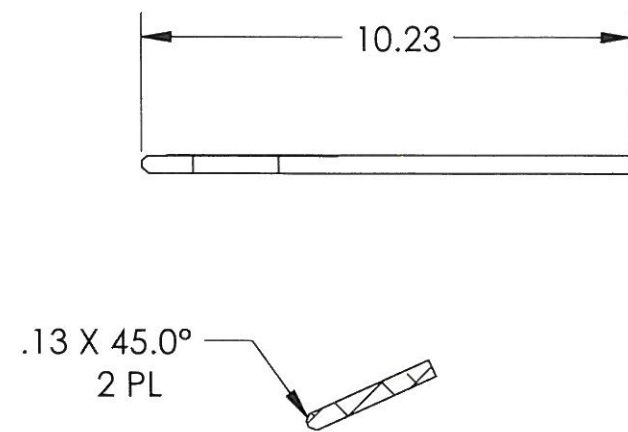
D



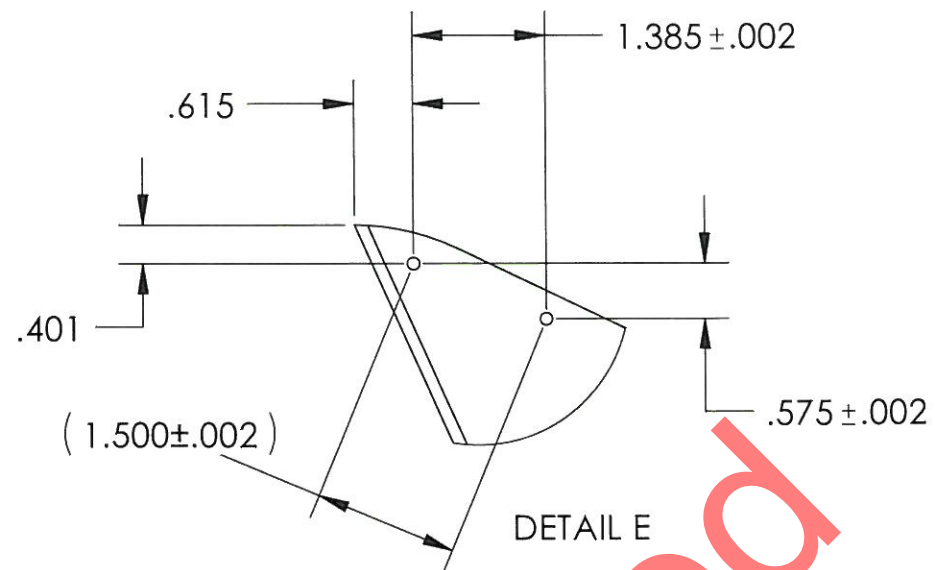
647.1501 SHOWN EXPLODED

ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY J. GARDINER	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO		DEFLECTORS			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1500	REV N/C
		SCALE: NONE			SHEET 2 OF 5

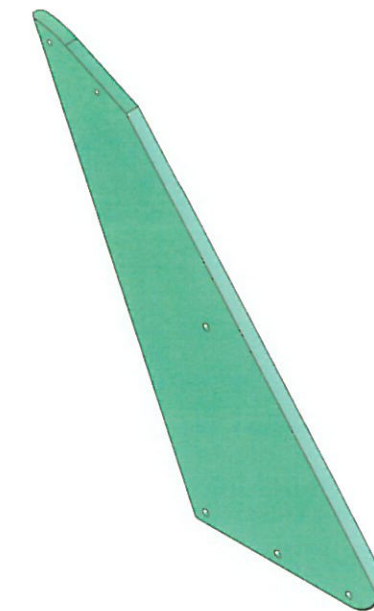
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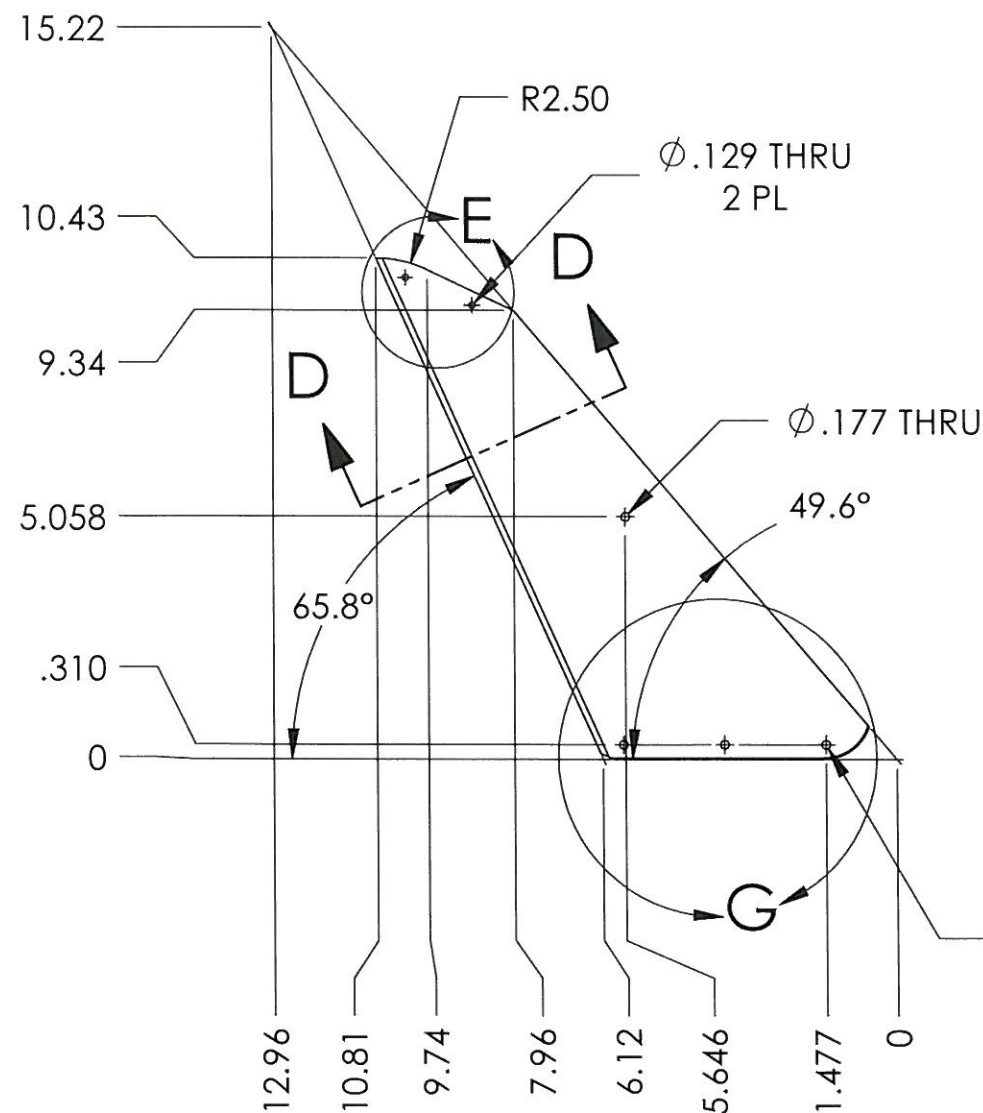
SECTION D-D



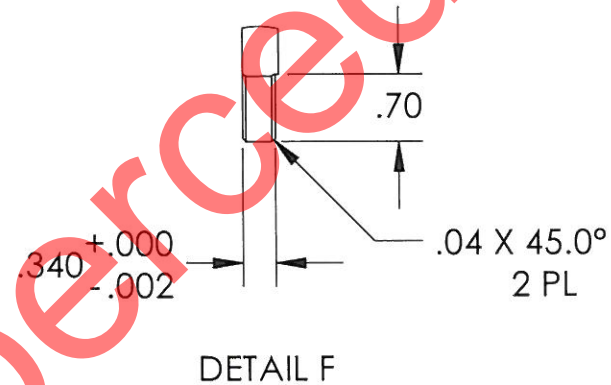
DETAIL E



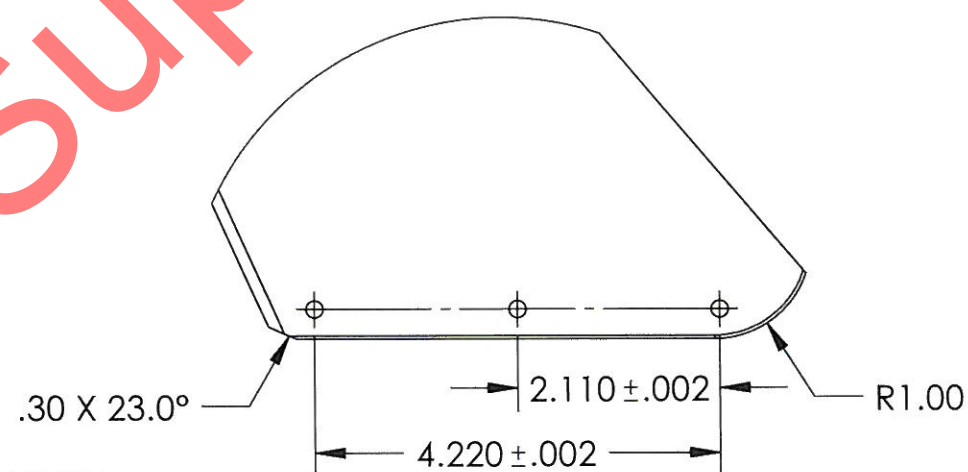
647.1511



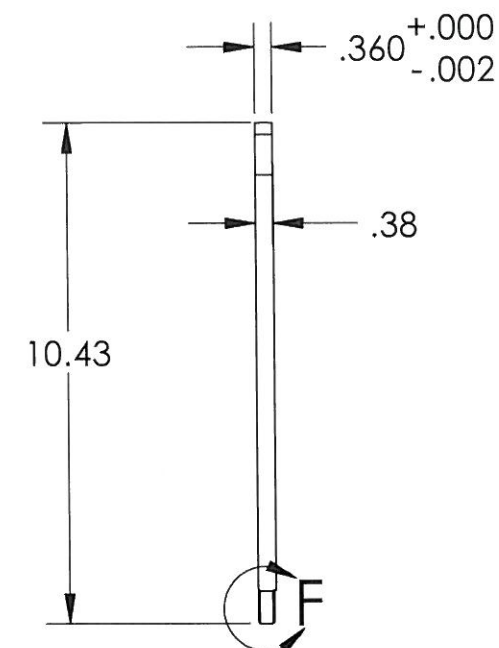
Superseded



DETAIL F

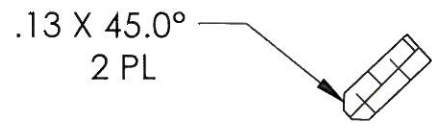


DETAIL G

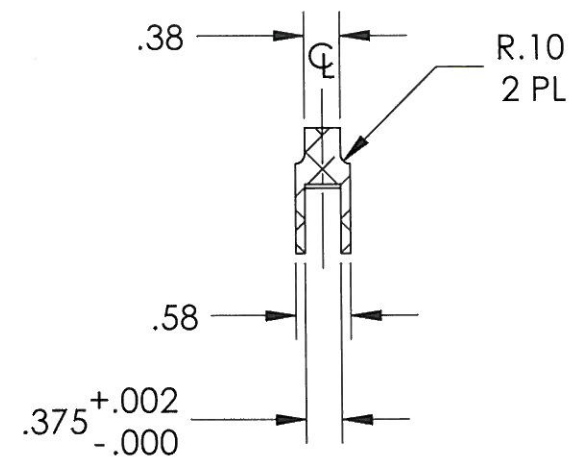
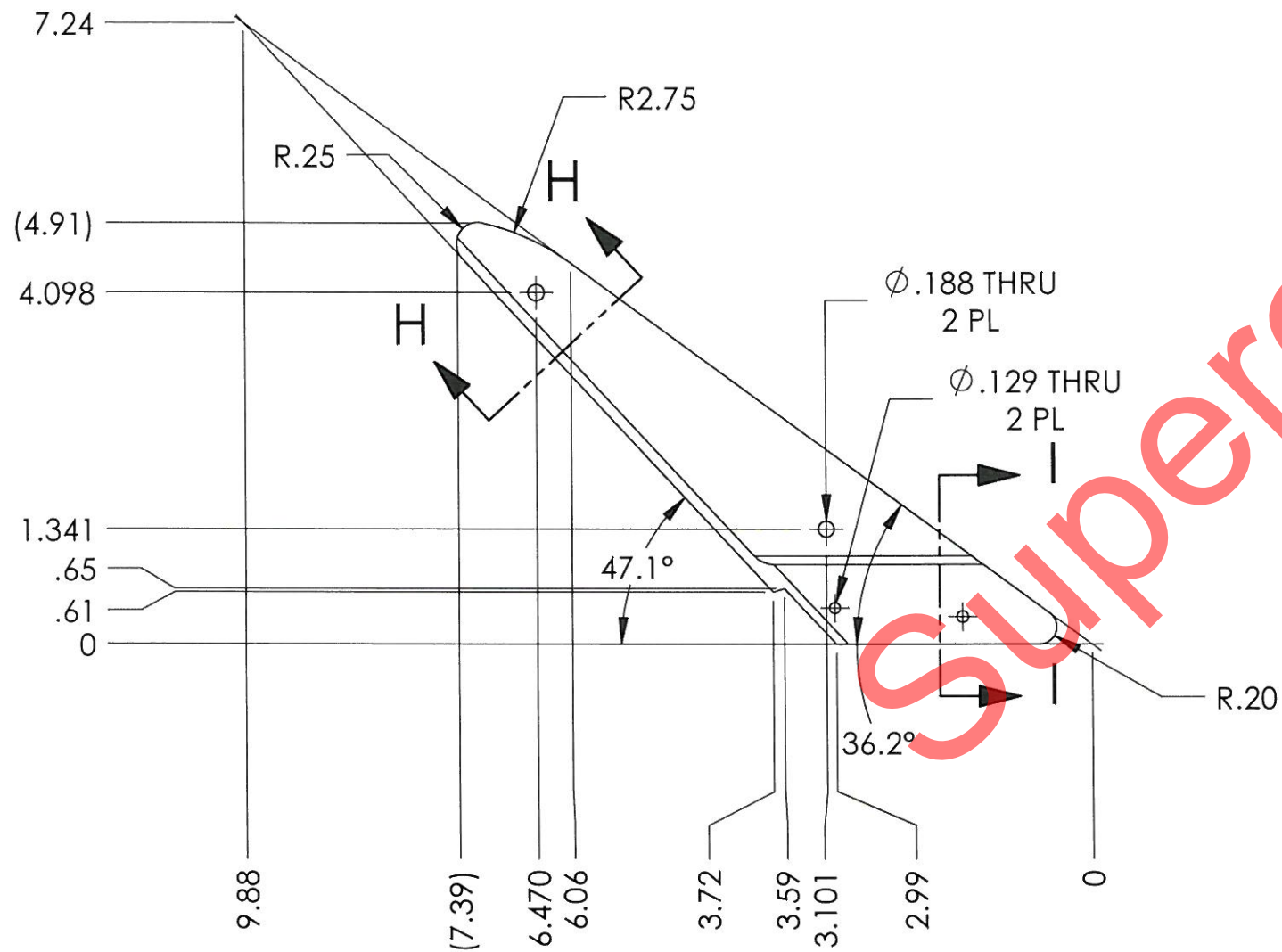


ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES	
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKED BY P. BRAVO		DEFLECTORS	
DRAWING APPROVAL P. BRAVO		REV N/C	
CONTRACT No.		647.1500	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		SCALE: NONE	SHEET 3 OF 5

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SECTION H-H

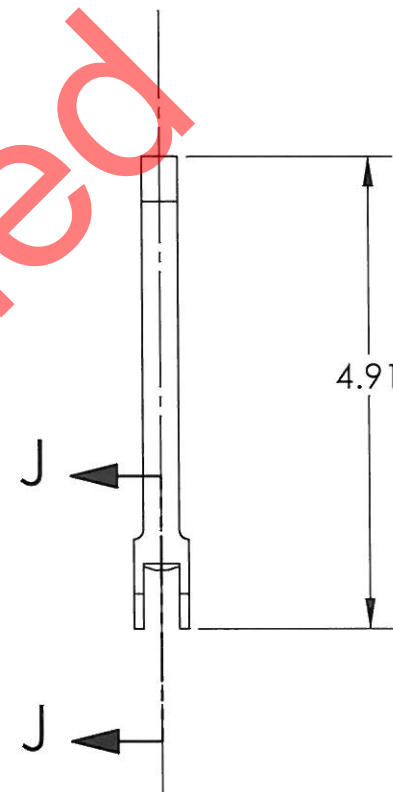
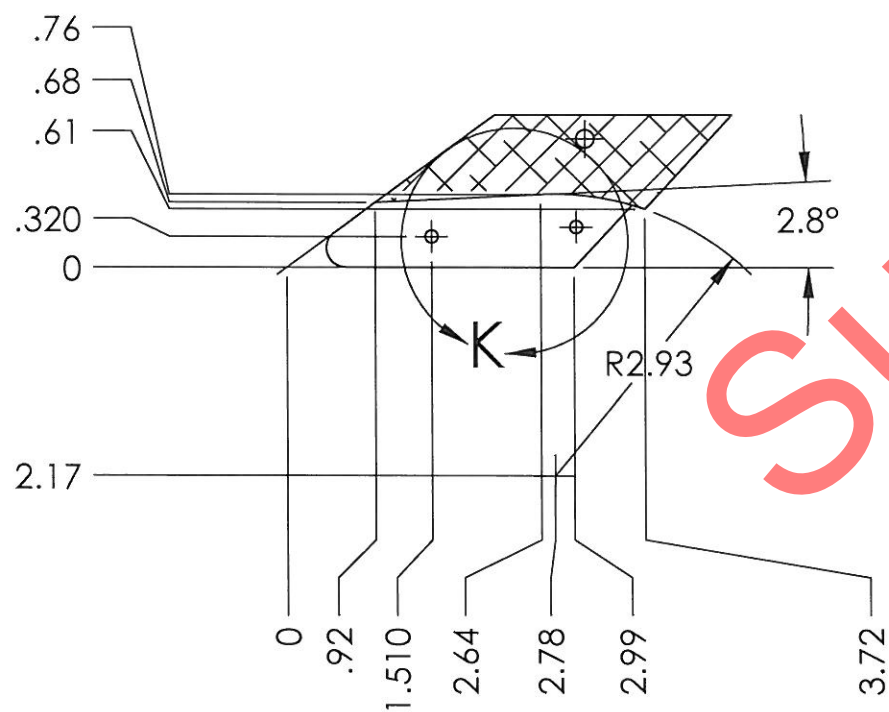
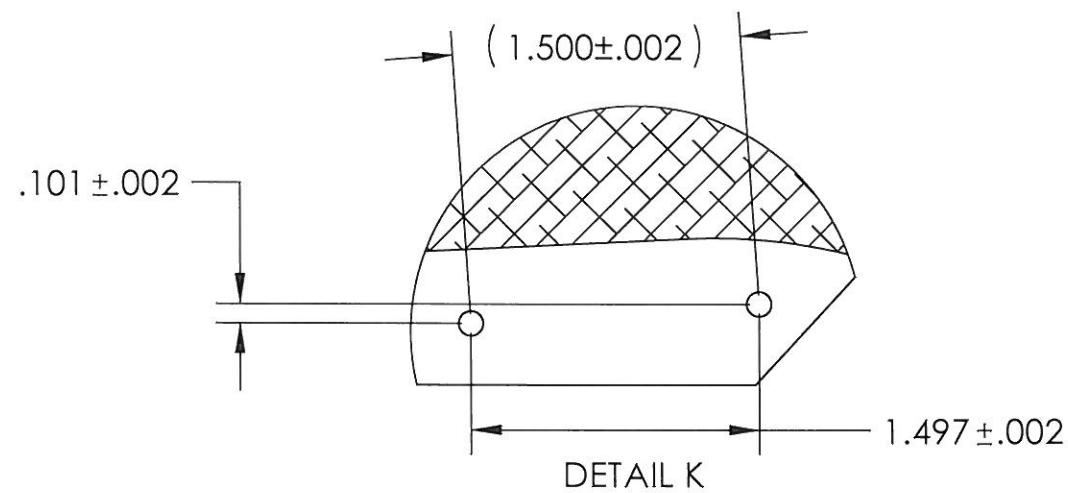


SECTION H-H



ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. GARDNER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO			
CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV N/C
		CAGE CODE 07MZ6	DWG. NO. 647.1500
SCALE: NONE		SHEET 4 OF 5	

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647.1512 RIGHT VIEW

ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J GARDINER	CHECKER P BRAVO		
DRAWING APPROVAL P BRAVO			
CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± 5°			
		SIZE B	CAGE CODE 07MZ6
SCALE: NONE		SHEET 5 OF 5	